

WHAT IS CLAIMED IS:

1. A transceiver module for insertion within a cage having a cage latch that
5 retains the transceiver module in the cage, the transceiver module comprising:
a housing configured to receive any one of at least two different release
mechanisms, each of the release mechanisms movable between a
first position and a second position, wherein the cage latch is not
deflected when the release mechanism is in the first position, and
10 wherein the cage latch is deflected when the release mechanism is
in the second position such that the transceiver module can be
removed from the cage.
2. The transceiver module of claim 1, wherein the at least two different
15 release mechanisms comprise a handle rotatably mounted to the housing and a
release tool linearly insertable into the housing.
3. The transceiver module of claim 1, further comprising a projection
extending from the housing and configured to engage the cage latch.
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4. The transceiver module of claim 1, further comprising an actuator
coupled to the release mechanism, the actuator having a ramped surface for
deflecting the cage latch when the release mechanism is in the second position.
- 25 5. The transceiver module of claim 4, wherein the release mechanism is a
handle rotatably mounted to the transceiver module, and wherein the actuator
moves linearly to deflect the cage latch as the handle is rotated.
6. The transceiver module of claim 5, further comprising a cover member,
30 wherein the cover member retains the handle to the housing.

7. The transceiver module of claim 4, wherein the release mechanism is a release tool linearly insertable into the transceiver module, and wherein the actuator moves linearly to deflect the cage latch as the handle is inserted.
- 5 8. The transceiver module of claim 3, wherein the cage latch has a slot through which the projection projects when the release mechanism in the first position and wherein the projection is removed from the slot when the release mechanism is in the second position.
- 10 9. The transceiver module of claim 1, wherein the housing includes a first opening to receive a first of the at least two different release mechanisms, and a second opening to receive a second of the at least two different release mechanisms.
- 15 10. The transceiver module of claim 1, wherein the housing can receive only one of the at least two different release mechanisms at the same time.
11. A transceiver module housing comprising:
a body having an interface surface and a front side;
20 a first opening adjacent the front side of the interface surface, the first opening configured to receive a first release mechanism; and
a second opening adjacent the front side of the interface surface, the second opening configured to receive a second release mechanism different from the first release mechanism.
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12. The transceiver module housing of claim 11, wherein the first opening is configured to receive a rotatable handle.
13. The transceiver module housing of claim 12, wherein the rotatable handle
30 is retained in the first opening by a module cover.

14. The transceiver module housing of claim 11, wherein the second opening is configured to receive a removal tool.
15. The transceiver module housing of claim 11, wherein the first and second
5 openings in the body cannot receive their respective release mechanisms at the same time.
16. A data transmission system comprising:
a printed circuit board;
10 a cage structure fixed to the printed circuit board, the cage structure having an opening and a latch adjacent the opening, the latch further including a latch slot;
a transceiver module pluggable into the opening of the cage structure, the transceiver module having a module projection, wherein the
15 transceiver module is retained within the cage by the engagement of the module projection with the latch slot and wherein the transceiver module is removable from the cage by deflecting the latch with one of at least two different release mechanisms to free the module projection from the latch slot.
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17. The data transmission system of claim 16, wherein the at least two different release mechanisms comprise a handle rotatably mounted to the housing and a release tool linearly insertable into the housing.
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18. The data transmission system of claim 16, further comprising an actuator coupled to the release mechanism, the actuator having a ramped surface for deflecting the cage latch.
19. The transceiver module of claim 16, wherein the housing includes a first
30 opening to receive a first of the at least two different release mechanisms, and a second opening to receive a second of the at least two different release mechanisms.